

Amendments to the Specification:

Please amend the paragraph beginning at page 10, line 5 (which corresponds to paragraph [0027] in the application's publication document, number US 2002/0017300 A1) to become two separate and consecutive paragraphs as follows:

FIG. 5B is a schematic diagram of a gas delivery and gas sampling system in accordance with an alternative embodiment of the invention. ~~FIG. 6 is a schematic diagram of pressure transducer circuitry in one embodiment of the invention.~~

FIG. 6 is a schematic diagram of pressure transducer circuitry in one embodiment of the invention.